

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Vignia 22313-1450 www.upto.gov



CONFIRMATION NO. 2379

SERIAL NUMB 10/688,689			CLASS 523		GROUP ART UNIT 1712			ATTORNEY DOCKET NO. END920030022US1 (IEN-10-	
APPLICANTS									
George H. Thiel, Endicott, NY;									
** CONTINUING DATA **********************************									
** FOREIGN APPLICATIONS ************************************									
NONE									
IF REQUIRED, FOREIGN FILING LICENSE GRANTED ** 01/24/2004									
Foreign Priority claimed 35 USC 119 (a-d) cond	STATE OR	SHEETS TOT		AL	INDEPENDENT				
met Verified and Acknowledged Examiner's Signature Initials				COUNTRY NY		WING 2	CLAIMS 16		CLAIMS 2
ADDRESS 00026681 DRIGGS, LUCAS, BRUBAKER & HOGG CO. L.P.A. 38500 CHARDON ROAD DEPT. IEN WILLOUGHBY HILLS , OH 44094									
TITLE Method and structure for self healing cracks in underfill material between an I/C chip and a substrate bonded together with solder balls									
				□ All			l Fees		
FILING FEE	FEES: Authority has been given in Paper)	
į į	No to charge/credit DEPOSIT ACCOUNT 1.17 Fees (Processing Ext. of time)								
770						☐ 1.18 Fees (Issue)			